

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



57FW

In re Application of

:

Dayne Killingsworth, et al.

:

Serial No. 10/622,775

: Group Art Unit:

Filed: July 21, 2003

: Examiner:

For: SEMI-SOLID CASTING PROCESS OF ALUMINUM ALLOYS
WITH A GRAIN REFINER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

These references were cited in the International Search Report dated 25 October 2004. No further elaboration is believed necessary. Copies of the search report and cited art are submitted herewith in accordance with 37 C.F.R. 1.98(a).

AUTHORIZATION

No fee is required. The Commissioner is hereby authorized to charge any additional fees which may be required for this submission, or credit any overpayment to deposit account no. 50-2036.

Respectfully submitted,

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U. S. PATENT OFFICE

LIST OF ART CITED BY APPLICANT
(PTO-1449)

ATTY. DOCKET NO. 87324.1740	SERIAL NO. 10/622,775
APPLICANT Dayne Killingsworth, et al.	
FILING DATE 07/21/03	GROUP

U. S. PATENT DOCUMENTS

	EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A		5,846,350	12/08/98	S. Craig Bergsma	148	549	05/01/96
B							

FOREIGN PATENT DOCUMENTS

	EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
C		0 554 808	08/1993	EP			
D							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HH		G. WAN, et al., "Thixoforming Of Aluminum Alloys Using Modified Chemical Grain Refinement For Billet Product" Associazione Italiana Di Metallurgia, Paizzale Rudolfo Morandi, 2, Milano, Italy 1993. Conference: International Conference On Aluminium Alloys: New Process Technologies, Marina Di Ravenna, Italy, 3-4 June 1993, 129-141 XP009037979
E		Rachmat, R.S., et al., "Application of Semi-solid forming to 2024 and 7075 Wrought Aluminum Billets Fabricated by The EMC Process" Material Schience Forum 329-330, 487-492, Photomicrographs, Graphs, Numerical Data 7 Ref. Switzerland Conference: Solidification and gravity 2000, Miskolc, Hungary, 25-28 April 1999 ISSN: 0255-5476, 2000 XP009037970
F		Zhang, X.-D. (Reynolds Metals) et al.: "Development of Non-Dendritic Microstructures In AA6061 Cast Billets." Materials Science Forum 331-337, (1), 247-252, Graphs, Photomicrographs, 11 ref. Switzerland Conference: Aluminium Alloys: Their Physical and Mechanical Properties(ICaa7), Charlottesville, Virginia, USA 9-14 April 2000 ISSN: 0255-5476, 2000, XP009037968
G		Tahara, K., et al.: "Semi - Solid Solidification Structure in Grain - refined Al7%Si-3%Cu Alloy." Alluminium Alloys: Their Physical And Mechanical Properties, 303-308, Photomicrographs, Graphs, 8 Ref. Japan Institute of Light Metals. Tsukamoto Sozan Bldg., 6F, 4-2-15 Ginza, Chuo-Ku, Tokyo, 104-0061, Japan Conference: ICAA-6: 6 th International Co, 1998, XP009037987

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.